

20020416.qrp v02_n527.qrl.20020416

Date: Tue, 16 Apr 2002 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2527

QRP-L Digest 2527

Topics covered in this issue include:

- 1) [124830] DX Bureau Speed.
by Jeff Hetherington <VA3JFF@rac.ca>
- 2) [124831] Re: Improved frame for Folded Conical Helical Antenna
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 3) [124832] Re: questions on HB gel cell charger
by "Dan Hogan" <dhhogan1@earthlink.net>
- 4) [124833] another good qrp-l transaction
by Ed Lawson (K1VP) <k1vp@grizzly.com>
- 5) [124834] OT: Large Inductors
by "Kory Hamzeh" <kory@avatar.com>
- 6) [124835] Re: Large Inductors
by "w8diz" <w8diz@fpqrp.com>
- 7) [124836] TS-120S Help Needed
by "David Bixler" <qrp@netins.net>
- 8) [124837] Re: MS-15 notes
by "Jim Thiessen" <jthiessen@videotron.ca>
- 9) [124838] Re: OT: Large Inductors
by David Hinerman <wd8civ@worldnet.att.net>
- 10) [124839] Re: End of QRP?
by Dave Hottell <hottell@gulftel.com>
- 11) [124840] Re: For Sale
by "James R. Duffey" <jamesd1@flash.net>
- 12) [124841] Re: another good qrp-l transaction
by Tom Feeny <tfeeny@comcast.net>
- 13) [124842] G5RV - Use a Balun
by "James R. Duffey" <jamesd1@flash.net>
- 14) [124843] dISPLACED CAJUN LAD IN FDI
by hamjoel@juno.com
- 15) [124844] Re: G5RV - Use a Balun
by "Tim, N9PUZ" <N9PUZ@arrl.net>
- 16) [124845] Re: G5RV - Use a Balun
by "James R. Duffey" <jamesd1@flash.net>
- 17) [124846] Re: OT: Large Inductors
by Pete Burbank <plburbank@kih.net>
- 18) [124847] Re: Arcane Browsers (was Refunds...)
by kg0mz@swbell.net
- 19) [124848] Red Hot Radio (was Re: 20 Meter Rig?)

- by "Dave Fifield" <dave@redhotradio.com>
- 20) [124849] Re: OT: Large Inductors
by "Ingo, DK3RED" <dk3red@t-online.de>
- 21) [124850] Charter email is out but out
by "Mike Yetsko" <myetsko@insydesw.com>
- 22) [124851] Re: G5RV - Use a Balun
by "Pastor-KC1DI" <elbc@pivot.net>
- 23) [124852] Re: G5RV - Use a Balun
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 24) [124853] QRP PAL ARCI Logging Program
by "Paul Gerhardt" <pgerhardt@hotmail.com>
- 25) [124854] Portable Power Station Question
by "Carter Craigie N3AO" <n3ao@bee.net>
- 26) [124855] Re: Portable Power Station Question
by "John L. Sielke" <w2agn@w2agn.net>
- 27) [124856] FT whiterook paddles
by "Craig A. Ferris" <cferris@aeronix.com>
- 28) [124857] Re: End of QRP
by "Aartec" <aartec@dwx.com>
- 29) [124858] FS: IC-207H
by "Robin Kidd" <robink@us.ibm.com>
- 30) [124859] ARCI Test Results - N2CQ
by Ken Newman <N2CQ@dandy.net>
- 31) [124860] Alas, it is time for contest logging software
by "Rod N0RC" <rod@n0rc.com>
- 32) [124861] Re: G5RV - Use a Balun
by Bill Coleman <aa4lr@arrl.net>
- 33) [124862] Home page
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 34) [124863] Re: G5RV - Use a Balun
by Bill Coleman <aa4lr@arrl.net>
- 35) [124864] Re: G5RV - Use a Balun
by Bill Coleman <aa4lr@arrl.net>
- 36) [124865] Re: G5RV - Use a Balun
by Bill Coleman <aa4lr@arrl.net>
- 37) [124866] RE: G5RV - Use a Balun
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 38) [124867] Re: G5RV - Use a Balun
by "Tim, N9PUZ" <N9PUZ@arrl.net>
- 39) [124868] Magnification for Soldering
by George Reeves <greeves@emory.edu>
- 40) [124869] Re: Magnification for Soldering
by "Ian Wilson" <ianmwilson@earthlink.net>
- 41) [124870] Heathkit Question
by "wd7y@pyramid.net" <wd7y@pyramid.net>
- 42) [124871] Re: Magnification for Soldering
by "ZOOM" <kandrparker@sympatico.ca>
- 43) [124872] Re: Alas, it is time for contest logging software

by "Alan Kaul" <alan.kaul@worldnet.att.net>
44) [124873] Re: G5RV - Use a Balun (Coil Form Tip)
by K5KW@aol.com
45) [124874] RE: Home page
by "Ray Goff" <radioham@gmx.co.uk>
46) [124875] Re: Alas, it is time for contest logging software
by "bob baxter" <rbaxter@cybertrails.com>
47) [124876] Re: Alas, it is time for contest logging software
by "Rod N0RC" <rod@n0rc.com>
48) [124877] Re: Magnification for Soldering
by MIKE SOUHRADA <wb9iog@revealed.net>
49) [124878] Re: Heathkit Question
by Vance Huntsinger <vhuntsinger@iwiw.net>
50) [124879] Re: Magnification for Soldering
by "Karl F. Larsen" <k5di@zianet.com>
51) [124880] Re: Keying modes
by Bill Coleman <aa4lr@arrl.net>
52) [124881] QRP-Dupe
by "Karl F. Larsen" <k5di@zianet.com>
53) [124882] Re: Magnification for Soldering
by "Leon Heller" <leon_heller@hotmail.com>
54) [124883] RE: Home page
by "Ray Goff" <radioham@gmx.co.uk>
55) [124884] Antenna switching....
by Mercxx@aol.com
56) [124885] Mobile Antennas
by Donn Kuse <casey.jay@gte.net>
57) [124886] Re: G5RV - Use a Balun
by "Lau, Zack, W1VT" <zlau@arrl.org>
58) [124887] Re: Home page
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
59) [124888] SIERRA owners only!
by ARDUJENSKI@aol.com
60) [124889] Re: Mobile Antennas
by Bob Patten <n4bp@netzero.net>
61) [124890] Re: Antenna switching....
by Pete Burbank <plburbank@kih.net>
62) [124891] Tax
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
63) [124892] RE: Home page
by "Karl Kanalz" <kkanalz@gcecispc.com>
64) [124893] Re: Tax
by <duffy01@fuse.net>
65) [124894] RE: Home page
by "Tracy Markham" <tracy@bytemark.com>
66) [124895] Re: Mobile Antennas
by "Mike Yetsko" <myetsko@insydesw.com>
67) [124896] RE: Tax

- by Mark Schoonover <schoon@amgt.com>
- 68) [124897] Re: Home page
by "Jeff Davis" <n9avg@att.net>
- 69) [124898] Tuners
by Mark R Milburn <mark.milburn@juno.com>
- 70) [124899] Re: Home page
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 71) [124900] Re: Tax
by "ZOOM" <kandrparker@sympatico.ca>
- 72) [124901] FS Icom at-500 auto tuner
by Davewb4@aol.com
- 73) [124902] Re: Magnification for Soldering
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 74) [124903] Re: Tax
by "John Dorson" <jdorson@Worldshare.net>
- 75) [124904] OT: ExpressPCB User Group
by "w8diz" <w8diz@fpqrp.com>
- 76) [124905] Re: multiband dipole question
by Bill Coleman <aa4lr@arrl.net>
- 77) [124906] Re: multiband dipole question
by "Ham" <KD5NWA@mbayona.com>
- 78) [124907] Re: Tax
by "ZOOM" <kandrparker@sympatico.ca>
- 79) [124908] Tax
by "W2WU" <w2wurjj@verizon.net>
- 80) [124909] Re: [Elecraft] Alas, it is time for contest logging software
by aluscre <aluscre@neo.rr.com>
- 81) [124910] MSC Smart Keyer Sidetone?
by "Dale Mason" <dmason@softconnect.net>
- 82) [124911] Re: multiband dipole question
by Bill Coleman <aa4lr@arrl.net>
- 83) [124912] Re: Heathkit Question
by Dave Fouchey <dafouchey@comcast.net>
- 84) [124913] Phone Number for Embedded Research
by K9nk@aol.com
- 85) [124914] Re: Keying modes
by "Marshall Emm" <mgemm@mtechnologies.com>
- 86) [124915] RE: Home page
by "Dave" <wr3i@earthlink.net>
- 87) [124916] Re: [124829] For Sale
by "walter.b.thomas.1@pop300.gsfc.nasa.gov"
<wthomas@pop300.gsfc.nasa.gov>
- 88) [124917] cone Antenna PHOTO of how to wind them
by "Stuart Rohre" <rohre@arlut.utexas.edu>
-

Date: Tue, 16 Apr 2002 00:24:25 +0100

From: Jeff Hetherington <VA3JFF@rac.ca>
To: qrp-1@lehigh.edu
Subject: [124830] DX Bureau Speed.
Message-ID: <3CBB6129.75104ECE@rac.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All.

My father has not been active on the bands since 1983. Two weeks ago he received a card from the bureau ... the date was 1981!

21 years ... not too bad ?!?!?

73/72

Jeff - VA3JFF

Date: Mon, 15 Apr 2002 18:27:51 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Steven Weber" <kdljv@moose.ncia.net>
Cc: <qrp-1@lehigh.edu>
Subject: [124831] Re: Improved frame for Folded Conical Helical Antenna
Message-ID: <001801c1e4d5\$29b2df80\$4e100a0a@rohredt2000>

Steve, although the intense field is highest at the wide opening of the cone, the polarization over a ground plane is vertical, with small horizontal component. It will not work properly with large end down, and I am puzzled by the observation with it 90 degrees off horizontal for large cone end, unless it was because it was indoors. (And was that without a ground plane?) It is an integrated antenna, one part does not good without the ground plane by the theory they are modeling.

With the 10 and 12 wire, do you have the 10 on the outside of the 12? and spaced 3/8 inch? Sounds like you are making progress. The axis between the two wires in one line lies horizontal (parallel) to the ground plane.

You can get a more sturdy support with two notched rectangles as the spaces for the wire. You have greater than 16 inch wide forms, as the bottom of the cone shape with the 10 wire outside should be at the 16 inch diameter. IE, 8 inches from the vertical axis each way. Without a cheap source of fiberglass, I am looking at Masonite for a permanent model support, if I can weatherproof it adequately, (edges and faces.)

Of course, this antenna will not have the capture area of a full size dipole, but its purpose is to get good efficiency on the HF bands, in spite

of low height, and small diameter. What would be a great comparison would be to the EH, or the Isotron designs.

Oh yes, do run it outside. If you want to dispense with aluminum screen, just use those wrong wire sizes as radials. A minimum of 16 to start, 30 seems to be the ideal based on the 6 foot square ground plane Rogers used.

In fact, there is another great test, run it with both types of ground alternately. I would make the radials at least the size of the original ground screen plane, but you might experiment with full quarter wave, and drop back to 1/8 wave, etc. Lots of room to play with concepts.

72,
Stuart K5KVH

Date: Mon, 15 Apr 2002 16:38:20 -0700
From: "Dan Hogan" <dhhogan1@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124832] Re: questions on HB gel cell charger
Message-ID: <3CBB01FC.18232.11DD757@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I have the Jade Products Gel-Cel charger with the same Chip. If I remember right it too several dats to charge a 7 AHR battery. More than a week end.

On 15 Apr 2002, at 15:35, John_Evans wrote:

[Snip}
> Charging seems to take forever, on the order if 3-4
> days, and I have never seen it go into the final
> overcharge portion of the cycle.
>
> I replaced the TIP42s, thinking I had obtained some
> bad parts, but the behavior hasn't changed.
>
> tn timer 73/72 - john - n0hj
>

Dan Hogan WA6PBY
dhhogan1@earthlink.net
West Covina,CA

QRP-L #558

Date: Mon, 15 Apr 2002 19:06:04 -0500
From: Ed Lawson (K1VP) <k1vp@grizzly.com>
To: qrp-l@lehigh.edu
Subject: [124833] another good qrp-l transaction
Message-ID: <20020415190604.79fc4cec.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Just a note to say I recently bought a rig via qrp-l. It arrived today, all was as stated and excellent in every regard with the packing first rate. All for a rather modest rig. I have never had a bad transaction using qrp-l and I believe we should all be thankful and proud that with rare exceptions we can buy and sell with confidence on this list.

Ed Lawson
K1VP

Date: Mon, 15 Apr 2002 17:46:31 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124834] OT: Large Inductors
Message-ID: <002c01c1e4e0\$26983100\$14ce21c7@avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is off topic but electronics related. I need to build a large inductor, about 0.5 henries. The frequency is very low, but I need it to handle about 5 to 10 amps. Any suggestions on how to do this is would be great. Using even F240-W torriods is not feasible for an inductor of that value. Physical size is not that important -- it can be pretty large. I even tried using a solid 3 inch diameter cold rolled steel rod, but the permeability is too low.

Thanks,
Kory
AC6RN
--
Kory Hamzeh

ICQ # 133630494
<http://www.metaphysical-store.com/>

Date: Mon, 15 Apr 2002 22:14:00 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <kory@avatar.com>, <qrp-1@Lehigh.EDU>
Subject: [124835] Re: Large Inductors
Message-ID: <000f01c1e4ec\$5fa70280\$5ece1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Kory,

What the heck are you building? I gotta know :-)

I have an 9 inch toroid that is used as a 120/240 transformer
that handles 10 amps at 220 VAC. Maybe it could be rewound to
give you 500 millihenries.

so what are you building? and at what freq?

-72, Diz, W8DIZ

----- Original Message -----

From: "Kory Hamzeh" <kory@avatar.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, April 15, 2002 8:46 PM
Subject: OT: Large Inductors

This is off topic but electronics related. I need to build a large inductor,
about 0.5 henries. The frequency is very low, but I need it to handle about
5 to 10 amps. Any suggestions on how to do this would be great. Using
even F240-W torroids is not feasible for an inductor of that value. Physical
size is not that important -- it can be pretty large. I even tried using a
solid 3 inch diameter cold rolled steel rod, but the permeability is too
low.

Thanks,
Kory
AC6RN

--

Kory Hamzeh
ICQ # 133630494
<http://www.metaphysical-store.com/>

Date: Mon, 15 Apr 2002 19:53:20 -0500
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124836] TS-120S Help Needed
Message-ID: <DBEPKBJH00EAHCKKIHPFGEFEDAAA.qrp@netins.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello gang:

I recently acquired a Kenwood TS-120S as a "project rig". It has a couple of problems that I'm working on.

The problem that I'm working on now is a PLL failure on the 15 and 10 meter bands. Both bands are dead, no receive and no display. The PLL is out of lock, even with the VCO manually tweaked to frequency.

Does anyone out there have a service manual that shows test points and/or the internal frequencies used in the PLL board? I have the operator manual with a schematic, but there is very little technical info there.

The second problem is that the final PA transistors have been removed, so this is actually a QRP rig now.

Thanks and 72,

Dave

David Bixler W0CH
Seneca, MO
Main Web Site: <http://w0ch.com>
Mirror Site: <http://showcase.netins.net/web/w0ch>

QRP: Little Radios, Big Fun!

Date: Mon, 15 Apr 2002 21:28:19 -0400
From: "Jim Thiessen" <jthiessen@videotron.ca>
To: <qrp-1@Lehigh.EDU>
Subject: [124837] Re: MS-15 notes
Message-ID: <024801c1e4e5\$fd83c6c0\$1e02a8c0@WorkGroup>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave

I built the MS-15 a while back. I have to go back and look at my notes, but the one thing I remember is to check each part placement with the schematic before soldering. I noticed early on there were some minor errors with the silk screening. I also routinely check each passive component to make sure they were all okay and the right value. A bit of overkill on my part, but I strive for a no smoke smoke test...

If you're patient, you will be rewarded with a working MS-15. Mine worked from the get go.... I still have to box it and add RIT but the K1 kit came in and I put it aside ...then other kits came in.... So many kits, so little time...you know how it is. I have pictures of it on my old outdated web site at <http://pages.infinit.net/va3kv/>

72's
Jim
VA3KV

Date: Mon, 15 Apr 2002 21:33:10 -0400
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [124838] Re: OT: Large Inductors
Message-ID: <3.0.6.32.20020415213310.007992d0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:46 PM 4/15/02 -0700, you wrote:

>

>This is off topic but electronics related. I need to build a large inductor,
>about 0.5 henries. The frequency is very low, but I need it to handle about
>5 to 10 amps. Any suggestions on how to do this is would be great. Using
>even F240-W torroids is not feasible for an inductor of that value. Physical
>size is not that important -- it can be pretty large. I even tried using a
>solid 3 inch diameter cold rolled steel rod, but the permeability is too
>low.

Kory,

Where I used to work we used large chokes (2 henries, maybe?) for
phase-shifting a 60Hz power source. We bought them commercially, but they
were essentially a power transformer core with a single winding of large
(12 ga?) solid copper wire.

Perhaps a junk transformer, re-wound with a single winding? For that
matter, a transformer with a low-voltage, high current secondary might come
close?

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 15 Apr 2002 20:34:30 -0500
From: Dave Hottell <hottell@gulftel.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124839] Re: End of QRP?
Message-ID: <3.0.6.32.20020415203430.00909780@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Dave,

I want to thank you for your very informative post on this subject. It is
gratifying to read that a multi-node installation of HomePlug produces
little interference in the ham bands.

It is especially gratifying to read that there are other problems with this
technology. That is one thing I was hoping for.

Hopefully it will not be widely deployed, but there probably will be at
least a few of these units produced and sold - so I am wondering if you

could provide a couple more bits of information for the list.

So we may have a better idea of the potential interference produced by HomePlug, could you provide some idea of the antenna installation at your place? Distance from nodes to antenna?

Also, does HomePlug produce a distinctive sound so that a ham who may be interfered with could readily recognise the source as HomePlug?

Inquiring minds want to know!!

Thanks for your help on this subject, Dave.

73 es gl,
Dave
AB9CA

At 01:30 AM 4/13/02 -0700, you wrote:

>Zim,

>

>I can stay silent on this no longer. I can only say so much, but
>what I have to say needs saying.

>

>Yes - HomePlug wipes out the shortwave bands. Wait till there's
>a few of them in your neighborhood and their signals start combining
>together (aggregating) - in the ham bands too....

>

>Actually, IMO, this will not happen soon. I don't believe HomePlug nodes
>will ever be widely used. They have other technical and marketing
>issues besides interference. Several very large networking companies
>have decided that there are too many risks with the technology and
>will not be making products based on it and there are only a very small
>handful of silicon vendors who make chips for it. Wireless networking
>(WiFi or WLAN or IEEE 802.11b/a and later, g) has much more
>appeal to these companies. WLAN can get to places that HomePlug
>can't, it has security (well, it will have with the new encryption), it has
>low cost, it has fast bit rates, it has robustness and it doesn't interfere.
>HomePlug has none of these things - it is limited to where it will work
>(poor connections are the norm), it is thoroughly insecure, it is
>expensive to produce, it has limited bandwidth, it is not robust (very
>prone to impulse noise hits, and ham radio, as it happens!) and it
>interferes with just about everyone in the bands it operates over.
>IMO, it is a doomed technology (I sure hope so anyway!).

>

>How do I know all this? It's my job to.

>

>If you look at the front page of the ARRL report on HomePlug tests
>that they did, you will notice my name is on there as I was an attendee
>at the tests.

>

>I have been closely following the HomePlug technical group (amongst
>others) for some time now. Partly at my insistence and some tests that
>we did, the 30dB notches were added to protect our bands. The issue
>that I have always had with HomePlug is that unless the implementers
>of this technology have the forethought to make these notches
>mobile/programmable, we could be in for a shock if and when we get a
>new allocation at 5MHz or if the 40m band is moved/expanded/split.
>This may happen sooner than everybody thought!

>

>As Ed notes, the Home Phoneline Networking Alliance's HPNA 2.0
>specification was tested thoroughly for ham radio problems, both
>ingress and egress. Again, it was at my insistence very early on in the
>process of developing the HPNA 2.0 spec, that we added a nice
>big notch that more than covers the 40m band - I worked for a
>small start-up company called Epigram that invented HPNA 2.0 and
>was later bought by Broadcom. Actually, I run an 8 node HPNA 2.0
>network right here in my house and have never heard any interference
>from it, either in the shortwave bands or in the 40m ham band.

>

>We did some HomePlug testing at my house (with my neighbor's help)
>and found that it was indeed audible in the ham bands but could
>not be called an "interferer" since it was too low level. However,
>IMO, it is thoroughly annoying to have to listen around it. Shortwave
>bands were wiped out for about 50 to 100 feet in all directions from
>the home with the HomePlug nodes operating in it.

>

>IMO, the only way we hams are ever going to get our spectrum
>allocations protected is if we pay for the privilege somehow.
>Until that day, there will always be greedy industries that want
>to use our valuable allocations. Lucky for all of us there are people
>like Ed Hare and his team, and several other hams (who I won't
>embarrass here) in the datacomms industry, who are looking out
>for potential interference threats all the time.

>

>Cheers es 72,
>Dave Fifield, AD6A

>

>----- Original Message -----

>From: "Graeme Zimmer" <gzimmer@bigpond.com>

>Subject: Re: End of QRP?

>(snip)

>> If these notches get the Ham interference down to the "just perceptible"
>> level, this then means that Short Wave Listeners and Commercial HF users
>are

>> left with signals that are 1000 times (30db) stronger. Is this correct?
>
>
>

Date: Mon, 15 Apr 2002 19:56:26 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>, <walter.b.thomas.1@pop300.gsfc.nasa.gov>
Subject: [124840] Re: For Sale
Message-ID: <B8E0E0EA.13EB5%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Walt- For some reason I cannot send a message to your e-mail address. It
boooounces as the address havin fatal errors. I will purchase the paddles. -
Duffey

--
James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Mon, 15 Apr 2002 21:56:09 -0400
From: Tom Feeny <tfeeny@comcast.net>
To: *QRP-L <qrp-l@Lehigh.EDU>
Subject: [124841] Re: another good qrp-l transaction
Message-ID: <000401c1e4e9\$e8c63020\$24553e44@waldlk01.mi.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I had a similar experience. Fine buncha folk. Looking forward to FDIM.
regards,
Tom, W8K0X

> Just a note to say I recently bought a rig via qrp-l. It arrived today,
> all was as stated and excellent in every regard
> with the packing first rate. All for a rather modest rig. I have never
> had a bad transaction using qrp-l and I believe we should all be thankful
> and proud that with rare exceptions we can buy and sell with confidence on
> this list.
>

> Ed Lawson
> K1VP

Date: Mon, 15 Apr 2002 20:09:16 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [124842] G5RV - Use a Balun
Message-ID: <B8E0E3EC.13EB7%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Dave - Whenever there is an unbalanced to balanced transition, good engineering practice calls for a balun. The G5RV has a balanced to unbalanced transition at the junction of the balanced feeder to the coax.

A 1:1 current or choke balun should be used at the transition. There are instructions for air core coax scramble wound baluns in the handbook and antenna book. These will work OK, but the bandwidth is not as wide as one would always like. They are cheap and effective though. It sounds like your coil of coax is adequate for this.

Air core baluns can also be wound on form resulting in wider bandwidth. See:

<http://www.k1ttt.net/technote/airbalun.html>

for details on building one and performance details.

As many turns of RG-58 as you can get on a 1.5 inch OD or greater OD type 43 ferrite core will work fine, and probably be as broad band as your can get.

G5RV made his caution against baluns before current baluns were widely recognized and used in the ham community. I believe his caution is against the common 4:1 voltage baluns, which are not designed for this application. A 1:1 current balun (or choke, or sorta balun) should be used.

Keep the coil of coax and you will should be happy.

Happy birthday to QRP-L. Thanks to Chuck for pointing this out. We all owe a debt of gratitude to Jim Eshleman for doing yeoman's duty in hosting us all. Thanks Jim. During Jim's time of hosting this list others heavily involved in QRP -L on this list have come and gone and come again -and gone again. And again and again. Others have tried to start competing lists. They have not been as successssful, largely because the operators of those lists lacked

Jim's tolerance for free speech. But Jim has put up with all of our antics and maintained the list and not shut us down when he probably had good justification for it. Thanks Jim. Buy you a Beer?

I joined in 1994 about a year after it started. It has meant the world to me. It rekindled my interest in Ham radio and has made me many friends in far flung areas of the country.

As to Chuck's admonitions about list etiquette. Several years ago I decided that I would only post on technical or QRP operating issues. I would only post about QRP-L issues if attached to a technical post. Like this one. If everybody did this the list would be much better. Only post things that you yourself would like to see on QRP-L

- Dr, Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Mon, 15 Apr 2002 22:45:14 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [124843] dISPLACED CAJUN LAD IN FDIM
Message-ID: <20020415.224514.-140953.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

iT BE OFFICIAL

they tooks my money now I suspects to got some tickets or sumthin
for FDIM...

hope to see u all thair and live to write about it....:-)

kella joel
in maine

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Date: Mon, 15 Apr 2002 21:50:51 -0500
From: "Tim, N9PUZ" <N9PUZ@arrl.net>
To: <jamesd1@flash.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124844] Re: G5RV - Use a Balun
Message-ID: <010801c1e4f1\$859e9b60\$a400a8c0@EOS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "James R. Duffey" <jamesd1@flash.net>
> G5RV made his caution against baluns before current baluns were widely
> recognized and used in the ham community. I believe his caution is
against
> the common 4:1 voltage baluns, which are not designed for this
application.
> A 1:1 current balun (or choke, or sorta balun) should be used.

How do the baluns perform that are made by slipping the ferrite beads over
the outside of the coax? Are they better or worse than a coil of coax or is
this a different application entirely?

Tim N9PUZ

Date: Mon, 15 Apr 2002 20:59:01 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: "Tim, N9PUZ" <N9PUZ@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124845] Re: G5RV - Use a Balun
Message-ID: <B8E0EF95.13EBC%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Tim - The bead baluns work OK. Since they only have one turn, they must be
made with a high permeability ferrite, which in turn has slightly higher
losses than a ferrite that can be used with toroids, but for QRP that is not
an issue. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Mon, 15 Apr 2002 23:34:56 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124846] Re: OT: Large Inductors
Message-ID: <5.0.2.1.0.20020415231400.00aa3db0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:46 PM 4/15/2002 -0700, Kory Hamzeh wrote:

>This is off topic but electronics related. I need to build a large inductor,
>about 0.5 henries. The frequency is very low, but I need it to handle about
>5 to 10 amps. Any suggestions on how to do this is would be great. Using
>even F240-W torriods is not feasible for an inductor of that value. Physical
>size is not that important -- it can be pretty large. I even tried using a
>solid 3 inch diameter cold rolled steel rod, but the permeability is too
>low.

>

>Thanks,

>Kory

>AC6RN

>Kory Hamzeh

>ICQ # 133630494

><http://www.metaphysical-store.com/>

Kory, how about a handful of long loopstick rods taped together and work
out some sort of
end cap arrangement like plastic spray can caps, then chuck it up in a slow
lathe or other drive device and load on a bunch of #18 wire. With a L/C
meter you could check progress periodically.
What is this thing for anyway??
Be super careful during winding like having a friend man the shutdown switch.
73 Pete

Date: Mon, 15 Apr 2002 23:35:06 -0500
From: kg0mz@swbell.net
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [124847] Re: Arcane Browsers (was Refunds...)
Message-ID: <3CBB63AA.32401.55456CE@localhost>

MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

You had quad-density floppies???

John KG0MZ

> I'll show my age here... DOS is way to new. The hardcore middle agers
> would use an old CP/M machine with 360K floppies or tape drives. Purists
> would report the information in paper newsletters mailed around the world.
>
> Tim N9PUZ
>

Date: Mon, 15 Apr 2002 22:39:46 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <nielsen@oz.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124848] Red Hot Radio (was Re: 20 Meter Rig?)
Message-ID: <003d01c1e509\$1e79f520\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bob et al,

Red Hot Radio is still effectively closed for business at this time.
We have had a tough year and a half since we moved house and
have not been able to get the business back together in that time.
By tough, I mean both time-wise and financially - the stock
market crash in 2000 hit us hard and I've been extremely busy
at "real" work. We're doing okay again now, thanks for asking,
okay, but not great....you know how it is.

However, we still have Red Hot Radio kit stock (the raw materials)
and intend to get it all kitted up together sometime this year
- maybe we'll even have some new kits later in the year!

To all those who have sent in orders that have not been fulfilled,
please be assured that we have not cashed a single one of your
checks. Pretty much all the checks we have with the orders are

now expired of course - we will be returning them all to their owners prior to opening up for business again and offering those people first dibs on the kits, since they have been extraordinarily patient with us. If anyone would like their expired check back sooner, please ask and we'll make it happen. There was one gentleman who sent us cash for a kit - he has been contacted and decided to let his money ride along in the hope that he will eventually get a kit - his will be one of the first to ship when we get to it.

Another thing is that it appears that the name "Red Hot Radio" was trademarked some time before we started in the business. We may have to give the name up - we'll see. Just in case, we have secured a new name, the web domain to go with it and have applied for the trademark too (it takes months to hear from the trademark office). Should we need to, we will change over to the new name. What's the new name? Can't tell ya, sorry! Anyone have any guesses (should be fun!)?

72 to all, and thanks for your patience,
Dave Fifield, AD6A

----- Original Message -----
From: "Bob Nielsen" <nielsen@oz.net>
Subject: Re: 20 Meter Rig?

> I recommend the Red Hot Radio NC20, but don't know if Dave Fifield is
> still in business. His web site hasn't been updated in nearly a year.
> It is an excellent 20 meter rig, however.
(snip)

Date: Tue, 16 Apr 2002 09:57:51 +0200
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [124849] Re: OT: Large Inductors
Message-ID: <3CBBD97F.EF8A9369@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Kory,

Maybe the coils for speaker boxes, subwoofers or so. Lots of amps but only for AF frequencies. Please check your radio or speaker store for it.

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!
dk3red@t-online.de <http://www.qsl.net/dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Tue, 16 Apr 2002 06:30:03 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [124850] Charter email is out but out
Message-ID: <008501c1e531\$d8c48300\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just to let people here know...

If anyone you wish to contact on the list has Charter for email, they are out pretty solid right now. They went down yesterday morning at 3am for maintenance and haven't been able to get back up since. If you respond to someone on the list and see 'Charter' in their address (and there may be others as well. Pretty much a lot of the old HSA managed accounts I'll bet) they can send but can't receive until this is straightened out.

Mike

Date: Tue, 16 Apr 2002 07:09:50 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <jamesd1@flash.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124851] Re: G5RV - Use a Balun
Message-ID: <006a01c1e537\$3dc27280\$fda5ba42@dor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SNIP

> As many turns of RG-58 as you can get on a 1.5 inch OD or greater OD type
> 43 ferrite core will work fine, and probably be as broad band as your can
> get.
Snip

What James has to say is good stuff.. but I would warn of one thing make sure the RG58 is not of the foam insulation type. I had problems with a G5RV here that was finally traced back to center conductor migration due to sun's heat softening the foam insulation of the coax. This is more important the tighter you make the coil turns the more likely the foam coax will break down Under load. Look of coax with teflon, or P.E. insulation for this application. Oh by the way Air wond coax chokes worked fine here with G5RV antennas.

73 Dave Kc1di/// qrp

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.346 / Virus Database: 194 - Release Date: 4/10/02

Date: Tue, 16 Apr 2002 08:10:01 -0400
From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [124852] Re: G5RV - Use a Balun
Message-ID: <125490A005E3D3118C9C00805FC743CC027E32D4@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

A postulate--perhaps the conjugate matching theorem can be used to find worst case balun situations--where the source impedance is carefully adjusted with a transmatch to match the complex conjugate of the load impedance--the balun.

Suppose you had a balun are designed with Doug DeMaw's 4x rule. For 50 ohm system, you have an inductive reactance of 200 ohms If the balun is parallel resonant--the balun becomes purely resistive. The resistance depends on the loss--probably between 200 and 2000 ohms. I don't think it is too tough to match this resistance to maximize balun losses.

One solution is baluns with much higher series resonant impedances--20k

or more, but I don't know how to design simple broadband baluns that will do this.

73--Zack Lau W1VT

Date: Tue, 16 Apr 2002 08:14:05 -0400
From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [124853] QRP PAL ARCI Logging Program
Message-ID: <F121HZngMPiJuh9G1CG00005b08@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I was using QRP PAL contest logger for last weekends QRP ARCI contest and I shut the program down before printing the logs. How do I re start the program and get it to reload the data file? Any help please?

73,
Paul K3PG

Paul Gerhardt
pgerhardt@hotmail.com

"There is a very fine line between "hobby" and "mental illness." --Dave Barry

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 16 Apr 2002 08:35:18 -0400
From: "Carter Craigie N3AO" <n3ao@bee.net>
To: "Low Power Amateur Discussion" <qrp-l@Lehigh.EDU>
Subject: [124854] Portable Power Station Question
Message-ID: <000901c1e543\$2e862f80\$aa60c441@satellite>

Hi All,

My Portable Power Station, Model SB152, won't take or hold a charge. The red charger LED won't light up when I plug in the PPS's (wall wart-style) charger. I tried another charger too, when the original charger failed, but

with a similar lack of charging success.

I guess I left the PPS (turned on) on my shelf for too long. I've used the PPS from my tent when operating QRP rigs, but it's been over 2 years since I've done that.

Is there any way to repair it?

I will try opening it up if I have the correct size screwdriver...

TIA,

Carter Craigie N3AO

5 Faggs Manor Lane

Paoli, PA 19301-1905

610-993-9623

n3ao@arrl.net

or

n3ao@bee.net

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.346 / Virus Database: 194 - Release Date: 04/10/2002

Date: Tue, 16 Apr 2002 09:18:28 -0400

From: "John L. Sielke" <w2agn@w2agn.net>

To: Carter Craigie N3AO <n3ao@bee.net>,

Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [124855] Re: Portable Power Station Question

Message-ID: <0204160918280Y.07292@jsielke>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

On Tuesday 16 April 2002 08:35, Carter Craigie N3AO wrote:

> Hi All,

>

> My Portable Power Station, Model SB152, won't take or hold a charge. The

> red charger LED won't light up when I plug in the PPS's (wall wart-style)

> charger. I tried another charger too, when the original charger failed,

> but with a similar lack of charging success.

> I guess I left the PPS (turned on) on my shelf for too long. I've used the

> PPS from my tent when operating QRP rigs, but it's been over 2 years since

> I've done that.

> Is there any way to repair it?

> I will try opening it up if I have the correct size screwdriver...

> TIA,

> Carter Craigie N3AO
> 5 Faggs Manor Lane
> Paoli, PA 19301-1905
> 610-993-9623
> n3ao@arrl.net
> or
> n3ao@bee.net

--

Mine died, too. The only SLA battery I've had do that. I was going to replace the battery, but then I found good old Rat...er, I mean RADIO Shack had their portable power station on closeout for \$29.95. 7 Ah battery, just like the other one, so I went that way.

I wasn't pleased with the other one, anyway. When I got it, the voltmeter didn't work. I contacted the company, and they told me they would send me a new meter. Never did, never answered my emails again.

John L Sielke W2AGN
w2agn@w2agn.net
<http://www.w2agn.net>
Trustee: W3IYQ

Sure you can trust the government! Just ask an Indian!

Date: Tue, 16 Apr 2002 09:47:07 -0400
From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-1@Lehigh.EDU
Subject: [124856] FT whiterook paddles
Message-ID: <3CBC2B5A.4F5A2E8C@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have two whiterook iambic paddles for trade. One with the keyer and one without. If interested, let me know what you have to trade. Also, still looking for broken qrp rigs. Please reply direct.

72,
Craig NR4E
Melbourne, FL

Date: Tue, 16 Apr 2002 08:43:44 -0500
From: "Aartec" <aartec@dwx.com>
To: "qrp-1@Lehigh. EDU" <qrp-1@Lehigh.EDU>
Subject: [124857] Re: End of QRP
Message-ID: <000001c1e54c\$ba5e4520\$7bdececf@b6v6o9>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe this reference has already noted, sorry if this is redundant but for more information on "Homeplug" you can check EDN magazine. EDN is a major design magazine for the electronics industry and Homeplug was the cover story in the March 21, 2002 issue. The article can also be found on-line at: <http://www.e-insite.net/ednmag/index.asp?layout=article&articleId=CA200390>

I sure am glad to see the work that has been done to protect our ham bands from this technology.

72

Jerry
W0PWE

Date: Tue, 16 Apr 2002 10:08:59 -0400
From: "Robin Kidd" <robink@us.ibm.com>
To: qrp-1@lehigh.edu
Subject: [124858] FS: IC-207H
Message-ID: <0FA4F24098.595CB8F4-0N85256B9D.004D7520@raleigh.ibm.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I have an almost new Icom IC-207H 2 meter/440 mobile rig for sale. It has a removable control with the extension cable. All the manuals, documentation and original box available with it. I am asking \$250. I will pay shipping in CONUS. Will consider trade for QRP rig. Thanks for the bandwidth.

Regards,

Robin J. Kidd
KG4RSQ

Remember, the Ark was created by inspired amateurs but the Titanic was created by professionals...

kg4rsq@arrl.net

Date: Tue, 16 Apr 2002 10:14:37 -0400
From: Ken Newman <N2CQ@dandy.net>
To: EPA-QRP@yahoogroups.com, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [124859] ARCI Test Results - N2CQ
Message-ID: <3.0.6.32.20020416101437.009b8300@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

2002 QRP ARCI CONTEST

Call used: N2CQ Location: NJ

Category: Single Op All Band Mode: CW Power: 5W

Callsign of Operator: N2CQ

Exchanged Information: N2CQ RST NJ 7975

Hours of Operation: 16:03

band	QSOs	points	mults	
160	0	0	0	
80	34	1043	18	
40	103	3059	34	
20	101	2947	32	
15	60	1799	21	
10	15	441	10	
TOTAL	313	9289	115	SCORE: 1,068,235

Club or Team Name: NJ QRP Club

Comments:

Not the best conditions in memory. Good activity
on Sat night late but tough sledding on Sunday.

Rig: Kenwood TS850 (5W), TA33jr tribander & doublet

72 de

Ken Newman - N2CQ

Woodbury, NJ

FM29jt

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==
<http://www.njqrp.org/data/contesting.html>

Date: Tue, 16 Apr 2002 08:38:47 -0600

From: "Rod N0RC" <rod@n0rc.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
"Elecraft-list" <elecraft@mailman.qth.net>

Subject: [124860] Alas, it is time for contest logging software

Message-ID: <008501c1e554\$6b8311d0\$6401a8c0@greyrock>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Folks,

I'm in the process of transcribing my ARCI QSO party log and
calculating my score. I don't want to have to do this ever again,
painfully slow. So it's time to get some good software and learn how
to use it. Here are my requirements/wants:

HIGH WANTS

- 1) Rig control for Icom 746pro and Elecraft K2

MUST HAVES

- 1) Easy of use, I only do a few contests a year. So I want something
easy and very intuitive for a CASUAL user.
- 2) Windows 2000 based. It's what I have to use, it's what I want to

use. Don't start a MS/UNIX bashing thread. With 20+ years in the computer industry I know all the arguments, and weary of all the griping/whining.

3) Automatic contest scoring for things like the ARCI contests, ARS Sprints, NJ QRP HB Sprints. When the contest is over I want to press a button and have my log, score sheet, summary....whatever; prepared, double checked and emailed in a matter of milliseconds.

SOFTWARE UNDER CONSIDERATION SO FAR:

YPLOG

Can it do the scoring I want?
Can it control a K2?

WRITE LOG

Ditto can it do the Scoring?

N1MM Logger

Again Scoring issues.

MAY CONSIDER

Palm based loggers. All I've found so far have some issues with awkward data entry/edit issues, and AFAIK none have scoring.

WILL NOT CONSIDER

1) DOS based programs! DON'T EVEN THINK ABOUT IT! ;-) Anybody sending ideas for DOS based programs will have your email send to the Recycle Bin. (/dev/null for you UNIX geeks).

Comments, suggestions, ideas....?

73, Rod NØRC

Ft Collins, CO

Date: Tue, 16 Apr 2002 10:35:08 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <jamesd1@flash.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124861] Re: G5RV - Use a Balun
Message-ID: <1020316103421.KAA13027@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 4/15/02 10:09 PM, James R. Duffey at jamesd1@flash.net wrote:

>Dave - Whenever there is an unbalanced to balanced transition, good
>engineering practice calls for a balun.

Indeed.

>A 1:1 current or choke balun should be used at the transition. There are
>instructions for air core coax scramble wound baluns in the handbook and
>antenna book.

Don't scramble wind them. The capacitive coupling between turns reduces the effectiveness of the balun, especially at higher frequencies. Wind them in a single layer, closely spaced, and use a form. 4" PVC works good, although is kinda tight for some of the 1/2" coax in terms of bending radius.

>These will work OK, but the bandwidth is not as wide as one
>would always like.

You can't really get 80-10m coverage with this type of balun. Once you have enough turns for 80m, you have too much capacitive coupling for 10m. For wide-band coverage, use a balun with ferrite beads (W2DU, W0IYH) or toroidal ferrite core (W1JR, Guanella).

>Air core baluns can also be wound on form resulting in wider bandwidth. See:
>
><http://www.k1ttt.net/technote/airbalun.html>
>
>for details on building one and performance details.

This is Ed Gilbert's seminal posting on air-wound baluns. They work very well for single-band or several-band coverage. W8JI uses them all over his antenna farm. They are cheap, easy to construct, handle lots of

power, and virtually indestructable.

>As many turns of RG-58 as you can get on a 1.5 inch OD or greater OD type
>43 ferrite core will work fine, and probably be as broad band as your can
>get.

This is the W1JR balun. RG-58 may have trouble negotiating the tight turning radius required. RG-174 can be used only for QRP (especially if there are reactive impedances involved), due to potential voltage breakdown in the coax. If you want higher power, use teflon-insulated coax. RG-142, RG-303 and RG-316 are good choices.

6-8 turns on a type 77 core works great for 80m-10m. Use about 9-12 turns for 160m coverage. For high-power handling, you may have to use multiple cores. Type 43 cores work as well, but you may need a few more turns to get sufficient choking inductance at HF. (Type 43 material reaches peak inductance at 200 MHz!)

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

Date: Tue, 16 Apr 2002 10:44:57 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [124862] Home page
Message-ID: <6579C6377F475547985F0B3E426E16261404F9@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Tried <http://www.qrp.pops.net/>

just now it worked. Of course this may be
a day old now.

> > On Monday 15 April 2002 01:32, Doug Hendricks wrote:

> > > Can someone give me the url for VE7BPO's homepage? A couple of =
weeks

> ago

> > > it was on here, and I went to it, but now I can't find it. It is =

a
> great
> > > homebrewing site. 72, Doug

Marty Hartwell kd8bj
AT&T Columbus Ohio
PH:614-501-2503

Date: Tue, 16 Apr 2002 10:41:32 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <N9PUZ@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124863] Re: G5RV - Use a Balun
Message-ID: <1020316104045.KAA13794@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 4/15/02 10:50 PM, Tim, N9PUZ at N9PUZ@arrl.net wrote:

>How do the baluns perform that are made by slipping the ferrite beads over
>the outside of the coax? Are they better or worse than a coil of coax or is
>this a different application entirely?

This is the W2DU balun.

Any choke made with ferrite material has roughly the same qualities as
the coiled-coax choke, here are the key differences:

* Ferrite chokes allow wider frequency bandwidth than coiled-coax.
Impedance of coil chokes on the low end is limited by the number of
turns, and the high end by mutual coupling between turns. Ferrite has
roughly the same impedance over a wide frequency range.

* Ferrite chokes are subject to core losses and the subsequent
detrimental effects of those losses (heating). High-power and
high-reactance loads may require substantial amounts of ferrite (in the
form of more, larger beads, or more or larger cores). Coil chokes made
from coax have extremely high power and reactance handling capability --
essentially unlimited in amateur use.

Bill Coleman, AA4LR, PP-ASEL

Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Tue, 16 Apr 2002 10:45:42 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <jamesd1@flash.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124864] Re: G5RV - Use a Balun
Message-ID: <1020316104455.KAA14229@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 4/15/02 10:59 PM, James R. Duffey at jamesd1@flash.net wrote:

>Tim - The bead baluns work OK. Since they only have one turn, they must be
>made with a high permeability ferrite, which in turn has slightly higher
>losses than a ferrite that can be used with toroids, but for QRP that is not
>an issue.

James,

The ferrite used in bead baluns is exactly the same as that used in
toroidal baluns -- type 77, 73, 75 or 43.

The key difference is that the choking impedance of a bead balun is
directly proportional to the number of beads. For a toroidal balun, it
is proportional to the SQUARE of the number of turns on the core.

In short, you need more ferrite beads to get the same choking impedance
as with a toroidal core -- which could cost you more.

Toroidal VOLTAGE baluns don't use ferrite at all - they use powdered iron
cores, which have roughly 1/100 of the permeability of ferrite.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Tue, 16 Apr 2002 10:51:02 -0400
From: Bill Coleman <aa4lr@arrl.net>

To: <zlau@arrl.org>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124865] Re: G5RV - Use a Balun
Message-ID: <1020316105016.KAA14804@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 4/16/02 8:10 AM, Lau, Zack, W1VT at zlau@arrl.org wrote:

>Suppose you had a balun are designed with Doug DeMaw's 4x rule.
>For 50 ohm system, you have an inductive reactance of 200 ohms

That's not enough choking impedance.

According to Sabin, the rule of thumb is 4 times the SUM of:

- * the source impedance
- * the load impedance
- * the maximum offset of the load impedance to ground
(typically 1/2 the load impedance)

If we assume a 50 ohm source and load, with a balanced feed, thats 4 x
125 = 500 ohms.

>One solution is baluns with much higher series resonant impedances--20k
>or more, but I don't know how to design simple broadband baluns that will do
>this.

That would be very difficult. However, it isn't hard to design wideband
baluns that have 500-1250 ohms choking impedance, which should be more
than plenty for 50 ohm loads.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Tue, 16 Apr 2002 11:11:56 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'Bill Coleman'" <aa4lr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124866] RE: G5RV - Use a Balun
Message-ID: <125490A005E3D3118C9C00805FC743CC027E32D6@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Bill AA4LR wrote:

>That would be very difficult. However, it isn't hard to design wideband
>baluns that have 500-1250 ohms choking impedance, which should be more
>than plenty for 50 ohm loads.

Yes, baluns work great with halfwave dipoles. But what if you want
to operate on other bands, with an antenna like the G5RV?

73--Zack W1VT

Date: Tue, 16 Apr 2002 10:20:23 -0500
From: "Tim, N9PUZ" <N9PUZ@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124867] Re: G5RV - Use a Balun
Message-ID: <000c01c1e55a\$3b731660\$a400a8c0@EOS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "Bill Coleman" <aa4lr@arrl.net>

> * Ferrite chokes are subject to core losses and the subsequent
> detrimental effects of those losses (heating). High-power and
> high-reactance loads may require substantial amounts of ferrite (in the
> form of more, larger beads, or more or larger cores). Coil chokes made
> from coax have extremely high power and reactance handling capability --
> essentially unlimited in amateur use.

Thanks Bill. Even at maximum power my station is only 100 watts so there
doesn't seem to be a concern.

Tim N9PUZ

Date: Tue, 16 Apr 2002 11:54:26 -0400
From: George Reeves <greeves@emory.edu>
To: QRP-L <QRP-L@Lehigh.edu>
Subject: [124868] Magnification for Soldering
Message-ID: <3CBC4932.E033D4CB@emory.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've come to the point that I have to admit my eyes are not as sharp as they were when I was 40...so what do you use for kitbuilding so that you can see what you are doing?

I was looking initially for a lighted, magnifying headset...but now I'm looking at a headset called Mageyes...it's not lighted but can be worn with regular glasses.

What are your experiences with this? What magnification do you use? Is 2X sufficient for kitbuilding or have you had to buy an accessory lens?

If you've used something other than Mageyes and like it, what is it and where can I purchase it?

Thanks for the info.

George WA4TNU

Date: Tue, 16 Apr 2002 09:02:46 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124869] Re: Magnification for Soldering
Message-ID: <002b01c1e560\$266ec7e0\$0b02a8c0@0020115492>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I either use one of the 'visor' types that hinges up out of the way, or an illuminated square lens desk-type deal. Depends whether you are working on something that mostly sits on a flat surface, or you need to pick it up and access from different angles.

The only drawback to the visor type is that it's easy to forget that you're wearing it, and tend to scare the cat/neighbors/etc when you wander around the house or open the front door.

--ian k3imw/6

Date: Tue, 16 Apr 2002 09:04:17 -0700
From: "wd7y@pyramid.net" <wd7y@pyramid.net>
To: QRP-L Members Talk <qrp-l@lehigh.edu>
Subject: [124870] Heathkit Question
Message-ID: <B8E19990.7A58%wd7y@pyramid.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I have a heathkit 100 KC crystal calibrator.

I would like to know what type of battery,
what voltage battery to supply this equipment.

Is there anybody with an answer?????????

Thanks Ed WD7Y

Date: Tue, 16 Apr 2002 12:12:31 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <greeves@emory.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124871] Re: Magnification for Soldering
Message-ID: <006001c1e561\$8361d5e0\$c791fea9@wishfull3w6i2e>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use an old commadore monitor and an old videoecamera. Total cost was about \$20. The camera mounts abaoove where I'm soldering and I watch what I'm doing in the monitor. No need to squint of hunch over. I can get over X45 magnification.

Regards,
Robert
VE3RPF

----- Original Message -----
From: "George Reeves" <greeves@emory.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 11:54 AM

Subject: Magnification for Soldering

> I've come to the point that I have to admit my eyes are not as sharp as
> they were when I was 40...so what do you use for kitbuilding so that you
> can see what you are doing?
>
> I was looking initially for a lighted, magnifying headset...but now I'm
> looking at a headset called Mageyes...it's not lighted but can be worn
> with regular glasses.
>
> What are your experiences with this? What magnification do you use? Is
> 2X sufficient for kitbuilding or have you had to buy an accessory lens?
>
> If you've used something other than Mageyes and like it, what is it and
> where can I purchase it?
>
> Thanks for the info.
>
> George WA4TNU
>

Date: Tue, 16 Apr 2002 09:15:54 -0700
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: <rod@n0rc.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124872] Re: Alas, it is time for contest logging software
Message-ID: <005501c1e561\$fdbb8d40\$af25cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod --- I don't think any software program is going to meet your requirement
three ... (push a button, produce logs, etc., and auto-e-mail in milli-seconds).

I also seriously believe you're in deep trouble on requirement one ... (that any
contest logging program will be intuitive enough for a CASUAL user who only
invests minimal time in learning it).

I don't think you need a logging program, you need a personal assistant.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Tue, 16 Apr 2002 12:22:24 EDT
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [124873] Re: G5RV - Use a Balun (Coil Form Tip)
Message-ID: <176.6bf77ae.29eda9c0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 4/16/02 9:44:22 AM Central Daylight Time, aa4lr@arrl.net writes:

<< Don't scramble wind them. The capacitive coupling between turns reduces the effectiveness of the balun, especially at higher frequencies. Wind them in a single layer, closely spaced, and use a form. 4" PVC works good, although is kinda tight for some of the 1/2" coax in terms of bending radius. >>

Gang,

Bill's got a good idea with the 4" PVC as a coil form, and it **is** tight with 1/2 " coax. Although I operate QRP 99 per cent of the time, occasionally I need to run high power (as a 75 meter net control station) and recently upgraded my G5RV coax feed line from RG-58 to RG-8 in order to do so. I found that 6" PVC sewer pipe (not exactly 6" O.D. but close enough) makes life a little easier when tryng to hold 10 turns of the stuff in place until finishing and taping it. My solution to the unwieldly RG-8 was to drill a series of 20 holes spaced slightly more than 1/2 " apart across about a 6 " piece of the sewer pipe, offsetting the second two from the first, the third from the second, etc. Then I did the same on the opposite side of the pipe. Next, I wound one turn of RG-8 and placed a small tie-wrap over it through the holes on both sides of the pipe, with the two ends of the twist tie meeting inside the pipe, and snugged the tie-wrap down. Turn number one was securely in place, with nine more to follow. The result was a neatly and tightly wound choke coil that I wrapped with electrical tape in an attempt to keep the UV rays from eventually destroying the tie wraps.

CAUTION: After cutting off a lengh of sewer pipe to make the coil form, be **sure** and file off the sharp edges of both sewer pipe saw cuts. I found, from sad (:o(experience, that when the pliers slip off the tie wraps while snugging them inside the pipe, your fist will fly out of the pipe and your knuckles will be raked across the sharp edges of the saw cut, leaving behind a chunk of skin!

Note that this coil with RG-8 will be heavy and impractical to suspend in the air with only the dipole holding it up unless, of course, you want a vertical "V" antenna. (:o)

Don, K5KW
Fort Gibson, Oklahoma

Date: Tue, 16 Apr 2002 17:18:09 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "QRL-L List" <qrp-l@Lehigh.EDU>
Subject: [124874] RE: Home page
Message-ID: <FDEOKGEJJFNPABJIJGDDEENGEBAA.radioham@gmx.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi,

The problem is that the URL is qrp.pops.net and does not have the www in front of it...

73/72's de Ray g4fon

RSGB, BATC, GQRP-10698
QRP-L 2378, QRP-ARCI 11153
ray@g4fon.co.uk
www.g4fon.co.uk

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Hartwell, Martin E, ALINF
Sent: 16 April 2002 15:45
To: Low Power Amateur Radio Discussion
Subject: Home page

Tried <http://www.qrp.pops.net/>

Date: Tue, 16 Apr 2002 09:35:38 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [124875] Re: Alas, it is time for contest logging software
Message-ID: <006b01c1e564\$c5189f20\$23142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod,
I used a new program by Scott N3JFP for all ARCI contests. Check it out
at
<http://www.n3fjp.com/index.html>
It took me all of 5 minutes to get my log and summary sheet
emailed--think I can do it in 2 min. the next time. The whole program
is on one page so you can see the log, states worked, score, etc.
without clicking to another page. It doesn't have rig control but does
have computer generated cw setup in macros. One feature I liked was
when you type in a call sign you have worked on another band it
automatically fills in the info for you. It's not free but it's
reasonable. (\$10)

Bob Baxter AA7EQ
Bisbee, Az.

Subject: Alas, it is time for contest logging software

> Folks,
>
> I'm in the process of transcribing my ARCI QSO party log and
> calculating my score. I don't want to have to do this ever again,
> painfully slow. So it's time to get some good software and learn how
> to use it.

Date: Tue, 16 Apr 2002 10:42:33 -0600
From: "Rod NORC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
"Elecraft-list" <elecraft@mailman.qth.net>
Subject: [124876] Re: Alas, it is time for contest logging software
Message-ID: <000b01c1e565\$b738b8d0\$6501a8c0@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many have suggested QRP-DUPE. An error of omission on my part, mea

culpa.

QRP-DUPE is in the running.

Rod N0RC
Fort Collins, CO

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 8:38 AM
Subject: Alas, it is time for contest logging software

> Folks,
>
> I'm in the process of transcribing my ARCI QSO party log and
...
> SOFTWARE UNDER CONSIDERATION SO FAR:
>
> YPLOG
...

Date: Tue, 16 Apr 2002 11:43:35 -0500
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: greeves@emory.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [124877] Re: Magnification for Soldering
Message-ID: <3CBC54B7.FAE69D17@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George Reeves wrote:

>
> I've come to the point that I have to admit my eyes are not as sharp as
> they were when I was 40...so what do you use for kitbuilding so that you
> can see what you are doing?
>
> George WA4TNU
Me too George and a few months ago I noticed a bench mounted magnifier
at
Harbor Freight really CHEAP. It may not be quite what you wanted ,head
mounted. But far better .
Mag not very high 2-3 power is my guess. I used it quite recently on

a real tricky board that helped me locate some damaged traces on a PCB.

Cost was on the order of \$7.00 at a store more if you have to order it.
On special now I believe as I just got another flier.

Two negatives:

1. The unit head droops so I had to add some sandpaper washers for added friction to the joint.
2. The lens seemed foggy. I assumed it was plastic, it's not. Glass lens removed and cleaned up perfect.

Easy to do both tasks and well worth it.

BTW they also have some kind of head mounted magnifier with lights on sale now. Likely Chinese source.

Mike

Iowa

Date: Tue, 16 Apr 2002 11:57:47 -0500
From: Vance Huntsinger <vhuntsinger@iwic.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124878] Re: Heathkit Question
Message-ID: <4.2.0.58.20020416115539.00a96e90@mail.iwic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ed,

If it's the Heathkit Model HD-20, it uses a 9-volt battery.

Vance, WA9YDJ

At 09:04 AM 4/16/2002 -0700, wd7y@pyramid.net wrote:

>I have a heathkit 100 KC crystal calibrator.

>

>I would like to know what type of battery,

>what voltage battery to supply this equipment.

>

>Is there anybody with an answer??????????

>

>Thanks Ed WD7Y

Date: Tue, 16 Apr 2002 11:09:10 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: George Reeves <greeves@emory.edu>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [124879] Re: Magnification for Soldering
Message-ID: <Pine.LNX.4.44.0204161104290.2637-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi George, I use a light that is on a gooseneck. It's a round shaped lamp that has a big magnifier in the middle. You can get these at Walmart now. They have a good clamp to your desk and you can adjust the light and magnifier to where you want it. Tighten the knob and it stays there. You get about a 5X magnification and you have to clean off dust all the time.

On Tue, 16 Apr 2002, George Reeves wrote:

> I've come to the point that I have to admit my eyes are not as sharp as
> they were when I was 40...so what do you use for kitbuilding so that you
> can see what you are doing?
>
> I was looking initially for a lighted, magnifying headset...but now I'm
> looking at a headset called Mageyes...it's not lighted but can be worn
> with regular glasses.
>
> What are your experiences with this? What magnification do you use? Is
> 2X sufficient for kitbuilding or have you had to buy an accessory lens?
>
> If you've used something other than Mageyes and like it, what is it and
> where can I purchase it?
>
> Thanks for the info.
>
> George WA4TNU
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 16 Apr 2002 13:00:20 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <igeq100@iupui.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [124880] Re: Keying modes
Message-ID: <1020316125932.MAA26051@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 4/2/02 10:16 AM, igeq100@iupui.edu at igeq100@iupui.edu wrote:

>Whichever paddle is pressed, a steady string of
>dits or dahs would be sent as long as the paddle is pressed. When the
>other paddle was pressed,
>its operation would take precedence, and the status of the other paddle
>would be ignored.

This is essentially a single-paddle keyer operation.

Why not just use a single-paddle key with a modern keyer?

(Do they even MAKE single-paddle keys any more?)

Consider sending CQ with such a key -- there's a whole LOT of key
closures that must be made.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 16 Apr 2002 11:21:36 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [124881] QRP-Dupe
Message-ID: <Pine.LNX.4.44.0204161112070.2637-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This free logging software is really nice. I prefer on sprints and
DX contests to use a paper log. As a QRP entry your not working 4 stations
a minute. With this software you can transfer your paper log to an
electronic one easy.

For Field Day or Sweeps you better use the software because your
rate QRP can be very high, and you will need the Dupe feature. So learn to
use it on the next contest you enter and then use it every time.

You get this software from:

<http://www.dancris.com/~bkassel/index.htm#top>

As a ScoQRPian in good standing I will attest to the great job Brian has done with this software!

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 16 Apr 2002 17:36:38 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: greeves@emory.edu, qrp-1@Lehigh.EDU
Subject: [124882] Re: Magnification for Soldering
Message-ID: <F10TMbYlKff63kaZcZF0000b84c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

[deleted]

>

>If you've used something other than Mageyes and like it, what is it and
>where can I purchase it?

>

I use an illuminated magnifier that clamps to the edge of the table/bench.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 16 Apr 2002 18:51:51 +0100

From: "Ray Goff" <radioham@gmx.co.uk>
To: "QRL-L List" <qrp-l@Lehigh.EDU>
Subject: [124883] RE: Home page
Message-ID: <FDEOKGEJJFNPABJIJGDDAENKEBAA.radioham@gmx.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all,

When I replied to the original email, I could access the site as per the URL I gave, but I have just tried and I agree that it has fallen off the Net again...

Seems that it might be a flaky ISP... The address is certainly
<http://qrp.pops.net>

73/72's de Ray g4fon

RSGB, BATC, GQRP-10698
QRP-L 2378, QRP-ARCI 11153
ray@g4fon.co.uk
www.g4fon.co.uk

-----Original Message-----

From: Jerry Haigwood [mailto:w5jh@swlink.net]
Sent: 16 April 2002 17:41
To: radioham@gmx.co.uk
Subject: Re: Home page

Ray Goff wrote:

> Hi,
>
> The problem is that the URL is qrp.pops.net and does not have the www in
> front of it...
>
> 73/72's de Ray g4fon
>
> RSGB, BATC, GQRP-10698
> QRP-L 2378, QRP-ARCI 11153
> ray@g4fon.co.uk
> www.g4fon.co.uk
>
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of

> Hartwell, Martin E, ALINF
> Sent: 16 April 2002 15:45
> To: Low Power Amateur Radio Discussion
> Subject: Home page
>
> Tried <http://www.qrp.pops.net/>

Ray,

I have tried the following:

<<http://qrp.pops.net>>
<qrp.pops.net>
<<http://www.qrp.pops.net>>
<www.qrp.pops.net>

NONE of these work. Any other suggestions?

Jerry Haigwood W5JH

Date: Tue, 16 Apr 2002 14:16:21 -0400
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [124884] Antenna switching....
Message-ID: <74BAEA56.1AA4E7BF.0004E6AB@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Good afternoon,

I am in the process of completing a couple of projects to get back on the air. I have about four different wire antennas up and will possibly put up one more. I was wondering if there was a homebrew switching unit I could build so that I may run one feed line into the shack. I am also open to commercial suggestions but would prefer to build it for the experience. Thanks and have a great day..

73
Steve
N4TKP

Date: Tue, 16 Apr 2002 14:35:27 -0400
From: Donn Kuse <casey.jay@gte.net>
To: elecrafft@mailman.qth.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [124885] Mobile Antennas
Message-ID: <3CBC6EEF.C1B66738@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,
I need some recommendations for a good mobile antenna and mount to use with my K1 (20/40M). Also have a question on the mag mounts. Are any of them made that don't scratch the surface of a vehicle? Do the mag mounts provide a half way decent ground? Last mag mount I used was around 1978 on a 2meter antenna. Also looking for a decent small portable antenna. Is the MP-1 a good choice?
Antenna to be used with a 2000 Chevy S-10 truck. Thanks in advance for your help.
72/73 Donn, WB4ZWT
67 and still learning
K1 #754

Date: Tue, 16 Apr 2002 14:53:49 -0400
From: "Lau, Zack, W1VT" <z1au@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [124886] Re: G5RV - Use a Balun
Message-ID: <125490A005E3D3118C9C00805FC743CC027E32D8@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

K2HQ has a page on G5RV impedances.
<http://www.qsl.net/k2hq/g5rv.htm>

Thus, you want a whopping 31k ohms of choking impedance on 10M when using a G5RV with 27.7 feet 300 ohm of twinlead, if you want to follow Sabin's rule. Or, you could just model the entire system on a good and calculate the actual losses. You can get an even better idea of the losses if you make a some actual electrical measurements.

73--Zack W1VT

I

Date: Tue, 16 Apr 2002 14:59:58 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124887] Re: Home page
Message-ID: <005701c1e578\$e7fae3e0\$0300a8c0@dad-s-computer.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I don't have a technical explanation for it, but my web designer daughter tells me that the use of "www" is not mandatory. So, for this example, <http://qrp.pops.net> and <http://www.qrp.pops.net> should work equally well.

Try it with addresses that you know.

73

Dick K2JQ

-----Original Message-----

From: Ray Goff <radioham@gmx.co.uk>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, April 16, 2002 12:26 PM
Subject: RE: Home page

>Hi,

>

>The problem is that the URL is qrp.pops.net and does not have the www in front of it...

Date: Tue, 16 Apr 2002 15:01:28 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [124888] SIERRA owners only!
Message-ID: <14c.c64e1e8.29edcf08@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I am interested in building a combination tuner and battery pack for my SIERRA and wanted to see if anyone has already plowed this ground? I was thinking about a ZM-2 tuner or similar circuitry and set of rechargeable batteries (and charger) with an EPS-1 to maintain the power at 12v as the actual voltage drops below 12v.

I am not sure if they sell blank SIERRA cases but having a similar case for this "companion" would be a big plus (I like matching accessories)

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Tue, 16 Apr 2002 15:00:44 -0400
From: Bob Patten <n4bp@netzero.net>
To: casey.jay@gte.net
Cc: QRP-L Reflector <qrp-l@lehigh.edu>,
Elecraft Reflector <elecraft@mailman.qth.net>
Subject: [124889] Re: Mobile Antennas
Message-ID: <3CBC74DC.5070502@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Donn Kuse wrote:

> I need some recommendations for a good mobile antenna and mount to use
> with my K1 (20/40M). Also have a question on the mag mounts. Are any
> of them made that don't scratch the surface of a vehicle? Do the mag
> mounts provide a half way decent ground? Last mag mount I used was
> around 1978 on a 2meter antenna.

>
I use the Hustler on a three-magnet mag mount. The capacitive ground
would be fine for 2M, but for 20M (and especially 40M) you should run
as short a braid as you can rig from the feed point of the antenna to
the truck bed. The vinyl pads on the mag-mount are not very scratch
protective, so I slip each magnet into a plastic baggie before sticking
it on the trunk. This arrangement and the Hustler work great for me.

If you hear me mobiling around FL the weekend after next, it will be in
the Florida QSO Party. K4PG and I will cover 21 counties using N4BP.

Rig will be an IC-706 running 100W, mostly CW. We will log by computer (NA) and also use it for rig control.

--

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@netzero.net Website: <http://www.qsl.net/n4bp>
QRP ARCI #3412 SOC #1 ARS #799 Whiners #6 FISTS #7871

Date: Tue, 16 Apr 2002 15:06:12 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124890] Re: Antenna switching....
Message-ID: <5.0.2.1.0.20020416144200.00aab040@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:16 PM 4/16/2002 -0400, Mercxx@aol.com wrote:

>Good afternoon,
> I am in the process of completing a couple of projects to get back on
> the air. I have about four different wire antennas up and will possibly
> put up one more. I was wondering if there was a homebrew switching unit
> I could build so that I may run one feed line into the shack. I am also
> open to commercial suggestions but would prefer to build it for the
> experience. Thanks and have a great day..
>
>73
>Steve
>N4TKP

Steve,
You might check the surplus market. I have a couple stashed for a future remote tuner project. One is full of reed relays and looks like the control is through a multi wire cable and the other uses a mechanical ratcheting ceramic wafer switch and includes a phenolic wafer for location info back to the shack also requiring a multi wire cable.
Lots of ways to do this so look around places like Fair Radio, Harbach + Rademan etc
Have fun
Pete NV4V

Date: Tue, 16 Apr 2002 15:08:58 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [124891] Tax
Message-ID: <6579C6377F475547985F0B3E426E16261404FD@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

I just helped my daughter this weekend do her taxes. One of the questions on the form not sure=20 just where but I believe it was the state of Ohio. I was a question about buying anything from the internet or mail order. I can't remember the exact wording. I don't remember seeing that before but=20 then I have been haveing my taxes done for several years now. I did help my daughter do hers last year but that was just looking over them, not really=20 reading the form. So it could have been on there a few years now.

Marty Hartwell
AT&T Columbus Ohio
PH:614-501-2503

Date: Tue, 16 Apr 2002 14:21:56 -0500
From: "Karl Kanalz" <kkanalz@gcecisp.com>
To: <k2jq@rcn.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124892] RE: Home page
Message-ID: <NFBBKOMEFGJGEBABODPOCEHECBAA.kkanalz@gcecisp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

When using Internet Explorer (Ver 6.0) on my ISP, the "www." part *is* mandatory, Dick. The browser automatically adds the http:// part, so that's a help, but I can't escape the need for www.

Have your whiz-kid daughter stop by and I'll demonstrate for her. Maybe she

can put a "fix" on my computer!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Richard Brummer, K2JQ
Sent: Tuesday, April 16, 2002 2:00 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Home page

I don't have a technical explanation for it, but my web designer daughter tells me that the use of "www" is not mandatory. So, for this example, <http://qrp.pops.net> and <http://www.qrp.pops.net> should work equally well.

Try it with addresses that you know.

73

Dick K2JQ

-----Original Message-----

From: Ray Goff <radioham@gmx.co.uk>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, April 16, 2002 12:26 PM
Subject: RE: Home page

>Hi,

>

>The problem is that the URL is qrp.pops.net and does not have the www in
>front of it...

Date: Tue, 16 Apr 2002 15:15:02 -0400

From: <duffy01@fuse.net>

To: mehartwell@att.com,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [124893] Re: Tax

Message-ID: <20020416191841.NWDW23945.mta03.fuse.net@smtp.fuse.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Yup, I live in Ohio too. Total BS. Unfortunately, I do not keep track of out of state purchases so gosh, I could not report anything. Don't think I made any out of state purchases anyway. Next thing they'll be asking is that you just send

them all your savings as you should not have any savings anyway because they are trying to tax us to death.

I remember a proposed tax form going around years and years ago. I was supposed to simplify the filing of taxes. It went something like this:

A - How much did you make last year?_____

B - How much do you have left?_____

C - Send us the amount listed on line B_____

Duffy - WB8NUT

>

> From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>

> Date: 2002/04/16 Tue PM 03:08:58 EDT

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Subject: Tax

>

> I just helped my daughter this weekend do her

> taxes. One of the questions on the form not sure

> just where but I believe it was the state of Ohio.

> I was a question about buying anything from the

> internet or mail order. I can't remember the exact

> wording. I don't remember seeing that before but

> then I have been haveing my taxes done for several

> years now. I did help my daughter do hers last year

> but that was just looking over them, not really

> reading the form. So it could have been on there

> a few years now.

>

>

> Marty Hartwell

> AT&T Columbus Ohio

> PH:614-501-2503

>

>

Date: Tue, 16 Apr 2002 12:23:06 -0400

From: "Tracy Markham" <tracy@bytemark.com>

To: "QRP-L" <qrp-l@lehigh.edu>, <k2jq@rcn.com>

Subject: [124894] RE: Home page

Message-ID: <NFBBKLDHALEHCJMAJPKFAEJKCPAA.tracy@bytemark.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Don't be too sure about it!!

I am running several domains where the www. is directed to a separate address. 'Back in the old days' of internet, before the 'web' got popular, the 'www' prefix meant that was the 'machine' for the httpd services.

In fact, your www link below does NOT work!!

The TLD (top level domain) is controlled by the registrars (.net, .com, etc) and we purchase 'names' from them. If I bought bytemark.com for example, I can put any machine in that network and give it a name. A computer on the network called promethius, would then have a 'fully qualified internet domain name' of promethius.bytemark.com. Therefore, I might have a separate web server and domain controller, www.bytemark.com and bytemark.com, respectively.

Be careful where average practice appears to be a standard! (We've been through those conversations before, huh ...)

Tracy N4LGH

I don't have a technical explanation for it, but my web designer daughter tells me that the use of "www" is not mandatory. So, for this example, <http://qrp.pops.net> and <http://www.qrp.pops.net> should work equally well.

Try it with addresses that you know.

Date: Tue, 16 Apr 2002 15:23:01 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <casey.jay@gte.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124895] Re: Mobile Antennas
Message-ID: <004601c1e57c\$4a53dd00\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, the scratch issue is something that NO mag base antenna is exempt from. The problem is even the best bottom surface will get dirty, and

dirt is what does the scratches, NOT the mag base.

The best solution I've found is wax paper. I use a 'wet one' to wipe the roof surface where I'm going to place the antenna. And the bottom of the mag base. Then I put down a square of wax paper.

Of course the wax paper gets destroyed in a few weeks if it's dry, a day or so if it rains. So you HAVE to remember to change it. (I kept a stack of squares in the glove box when my car was new. Now...)

About the only bad thing, and it's not really bad, is that the section of the roof under the antenna will have a different wax surface than the rest of the car from the wax 'rubbed in' constantly. Depending on car color, it may not be noticeable. In any case, it goes away quickly with a warm car wash.

Oh, the mag mounts usually ground fine, as the base is usually a big plate of a cap. In fact, a lot of them will have a 'foil base' that does the actual coupling.

Mike

----- Original Message -----

From: "Donn Kuse" <casey.jay@gte.net>

> Also have a question on the mag mounts. Are any
> of them made that don't scratch the surface of a vehicle? Do the mag
> mounts provide a half way decent ground? Last mag mount I used was
> around 1978 on a 2meter antenna.
> Also looking for a decent small portable antenna. Is the MP-1 a good
> choice?
> Antenna to be used with a 2000 Chevy S-10 truck. Thanks in advance for
> your help.
> 72/73 Donn, WB4ZWT

Date: Tue, 16 Apr 2002 12:27:42 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'duffy01@fuse.net'" <duffy01@fuse.net>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [124896] RE: Tax

Message-ID: <BF889CEBEFD2D511B993009027F60ABE1555F2@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

C Should read line A.

-----Original Message-----

From: duffyb01@fuse.net [mailto:duffy01@fuse.net]
Sent: Tuesday, April 16, 2002 12:15 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Tax

Yup, I live in Ohio too. Total BS. Unfortunately, I do not keep track of out of state purchases so gosh, I could not report anything. Don't think I made any out of state purchases anyway. Next thing they'll be asking is that you just send them all your savings as you should not have any savings anyway because they are trying to tax us to death.

I remember a proposed tax form going around years and years ago. I was supposed to simplify the filing of taxes. It went something like this:

A - How much did you make last year?_____

B - How much do you have left?_____

C - Send us the amount listed on line B_____

Duffy - WB8NUT

>

> From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
> Date: 2002/04/16 Tue PM 03:08:58 EDT
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: Tax

>

> I just helped my daughter this weekend do her
> taxes. One of the questions on the form not sure
> just where but I believe it was the state of Ohio.
> I was a question about buying anything from the
> internet or mail order. I can't remember the exact
> wording. I don't remember seeing that before but
> then I have been having my taxes done for several
> years now. I did help my daughter do hers last year
> but that was just looking over them, not really
> reading the form. So it could have been on there
> a few years now.

>

>
> Marty Hartwell
> AT&T Columbus Ohio
> PH:614-501-2503
>
>

Date: Tue, 16 Apr 2002 14:32:45 -0400
From: "Jeff Davis" <n9avg@att.net>
To: <kkanalz@gcecispc.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124897] Re: Home page
Message-ID: <017301c1e575\$1cf77bc0\$53fb540c@c>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Karl.

The Web browser doesn't (IE 6.0 or any other) does not *require* a "www" to resolve an address, unless of course the Web server address is www.something.something.

Just to prove it to you, point your IE 6.0 browser at this address:

<http://slashdot.org/>

How about them apples? :-)

Domains are created without the "www". Take a company, like Chrysler. They register the domain "chrysler.com". Then they can create subdomains like www.chrysler.com which is the standard convention for the World Wide Web server for Chrysler.com. If they want to setup an FTP site, they may create ftp.chrysler.com. And it all works just fine.

What you see happen MOST of the time, is that the Web server will be configured such that if someone only enters "bob.com", the server will automatically redirect the Web browser to www.bob.com.

But the "www" is not required at all UNLESS that is the official name of the Web server and there is no other path created to get there. But that is a server thing and not at all a browser requirement.

But heck, let's talk about QRP now, can we? :-)

Vy 72 de Jeff, N9AVG

----- Original Message -----

From: "Karl Kanalz" <kkanalz@gcecisip.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 3:21 PM
Subject: RE: Home page

> When using Internet Explorer (Ver 6.0) on my ISP, the "www." part *is*
> mandatory, Dick. The browser automatically adds the http:// part, so
that's
> a help, but I can't escape the need for www.
>
> Have your whiz-kid daughter stop by and I'll demonstrate for her. Maybe
she
> can put a "fix" on my computer!

Date: Tue, 16 Apr 2002 14:38:23 -0500
From: Mark R Milburn <mark.milburn@juno.com>
To: qrp-1@lehigh.edu
Subject: [124898] Tuners
Message-ID: <20020416.143828.-273879.0.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My old Dentron tuner finally gave it up and I need to get a new one. I want to use it for QRP, but also for 100 watts. What does the group think about the MFJ 949E? Looks like a pretty fair price for quite a bit of tuner.

72 Mark, KQ0I

Date: Tue, 16 Apr 2002 15:41:05 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: <kkanalz@gcecisip.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [124899] Re: Home page

Message-ID: <00c201c1e57e\$a776b820\$0300a8c0@dad-s-computer.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

It would be an expensive "fix," Karl, considering air fare from NY. (-
:)

The "whiz-kid" will be happy to schedule an appointment.

Dick K2JQ
-----Original Message-----
From: Karl Kanalz <kkanalz@gcecispc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, April 16, 2002 3:18 PM
Subject: RE: Home page

>When using Internet Explorer (Ver 6.0) on my ISP, the "www." part *is*
>mandatory, Dick. The browser automatically adds the http:// part, so
that's
>a help, but I can't escape the need for www.
>
>Have your whiz-kid daughter stop by and I'll demonstrate for her. Maybe
she
>can put a "fix" on my computer!

Date: Tue, 16 Apr 2002 15:46:26 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <duffy01@fuse.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124900] Re: Tax
Message-ID: <00df01c1e57f\$65331b60\$c791fea9@wishfull3w6i2e>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's one to fuel the fire. How about paying state tax for an item bought
out of your country?
In Canada, we pay all taxes on anything we purchase out of the country. For
Ontario it's 15% yet I can buy something from another province and not have
to pay the provincial tax. Don't make too much sense.

----- Original Message -----

From: <duffy01@fuse.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, April 16, 2002 3:15 PM

Subject: Re: Tax

> Yup, I live in Ohio too. Total BS. Unfortunately, I do not keep track of out of state purchases so gosh, I could not report anything. Don't think I made any out of state purchases anyway. Next thing they'll be asking is that you just send them all your savings as you should not have any savings anyway because they are trying to tax us to death.

>

> I remember a proposed tax form going around years and years ago. I was supposed to simplify the filing of taxes. It went something like this:

>

> A - How much did you make last year?_____

>

> B - How much do you have left?_____

>

> C - Send us the amount listed on line B_____

>

> Duffy - WB8NUT

> >

> > From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>

> > Date: 2002/04/16 Tue PM 03:08:58 EDT

> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> > Subject: Tax

> >

> > I just helped my daughter this weekend do her

> > taxes. One of the questions on the form not sure

> > just where but I believe it was the state of Ohio.

> > I was a question about buying anything from the

> > internet or mail order. I can't remember the exact

> > wording. I don't remember seeing that before but

> > then I have been having my taxes done for several

> > years now. I did help my daughter do hers last year

> > but that was just looking over them, not really

> > reading the form. So it could have been on there

> > a few years now.

> >

> >

> > Marty Hartwell

> > AT&T Columbus Ohio

> > PH:614-501-2503

> >

> >

>
>

Date: Tue, 16 Apr 2002 15:58:32 EDT
From: Davewb4@aol.com
To: qrp-1@lehigh.edu
Subject: [124901] FS Icom at-500 auto tuner
Message-ID: <cc.a0dcb51.29eddc68@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Icom AT-500 Auto tuner. Mint... Never used with manual. In original carton.
\$ 400.00 plus shipping.
Dave Rogers
WB4CHK

Date: Tue, 16 Apr 2002 13:16:27 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>,
 "'greeves@emory.edu'" <greeves@emory.edu>
Subject: [124902] Re: Magnification for Soldering
Message-ID: <D3FB80858D62D511ACD500D0B73E9D8502342342@az33exm03.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

>I've come to the point that I have to admit my eyes are not as sharp as
>they were when I was 40...so what do you use for kit building so that you
>can see what you are doing?

>

>I was looking initially for a lighted, magnifying headset...but now I'm
>looking at a headset called Mageyes...it's not lighted but can be worn
>with regular glasses.

>

>What are your experiences with this? What magnification do you use? Is
>2X sufficient for kit building or have you had to buy an accessory lens?

>

>If you've used something other than Mageyes and like it, what is it and
>where can I purchase it?

I have several pairs of Mageyes that I use for building. At age 45, my ability
to focus on close up work went away about 5 years ago. Although the Mageyes

I use have a 2x magnification factor, the main advantage they provide me is ability to focus way up close on teeny tiny parts.

I have tried several other brands of head magnification and find that the focus range didn't feel right to me.

Before I started using the Mageyes, I was using one of my wife's expensive Dazer lamps. This is a large magnifier lense mounted in the middle of a ring florescent light and mounted on an adjustable arm. I found that the magnifier didn't work well for me and seemed to lack clarity. I found myself almost pressing my work up against the lense trying to see some of the things I was trying to do. Very inconvenient indeed.

Besides the Mageyes, a bright light sources helps my aging eyes a lot also.

The Mageyes were a bit difficult to find for a while, but low Joann's craft supply stores are now carrying them again. They also regularly have 40% off coupons for a single item in the local Sunday paper.

Yes indeed, I also feel like a real nerd running around the house with the Mageyes pushed up on my forehead!

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

Date: Tue, 16 Apr 2002 16:17:19 -0400
From: "John Dorson" <jdorson@Worldshare.net>
To: <kandrparker@sympatico.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124903] Re: Tax
Message-ID: <001101c1e583\$b9a8abc0\$2b92f4d1@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It really does make sense. They simply want you to 'BUY CANADA'.

I wish we would do that in the US.

John K2JH...

----- Original Message -----

From: "ZOOM" <kandrparker@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 3:46 PM
Subject: Re: Tax

> Here's one to fuel the fire. How about paying state tax for an item
bought
> out of your country?
> In Canada, we pay all taxes on anything we purchase out of the country.
For
> Ontario it's 15% yet I can buy something from another province and not have
> to pay the provincial tax. Don't make too much sense.
>
> ----- Original Message -----
> From: <duffy01@fuse.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, April 16, 2002 3:15 PM
> Subject: Re: Tax
>
>
> > Yup, I live in Ohio too. Total BS. Unfortunately, I do not keep track
of
> out of state purchases so gosh, I could not report anything. Don't think
I
> made any out of state purchases anyway. Next thing they'll be asking is
> that you just send them all your savings as you should not have any
savings
> anyway because they are trying to tax us to death.
> >
> > I remember a proposed tax form going around years and years ago. I was
> supposed to simplify the filing of taxes. It went something like this:
> >
> > A - How much did you make last year?_____
> >
> > B - How much do you have left?_____
> >
> > C - Send us the amount listed on line B_____
> >
> > Duffy - WB8NUT
> > >
> > > From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
> > > Date: 2002/04/16 Tue PM 03:08:58 EDT
> > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > > Subject: Tax
> > >
> > > I just helped my daughter this weekend do her
> > > taxes. One of the questions on the form not sure
> > > just where but I believe it was the state of Ohio.
> > > I was a question about buying anything from the
> > > internet or mail order. I can't remember the exact
> > > wording. I don't remember seeing that before but
> > > then I have been having my taxes done for several

> > > years now. I did help my daughter do hers last year
> > > but that was just looking over them, not really
> > > reading the form. So it could have been on there
> > > a few years now.
> > >
> > >
> > > Marty Hartwell
> > > AT&T Columbus Ohio
> > > PH:614-501-2503
> > >
> > >
> >
> >
>

Date: Wed, 17 Apr 2002 04:18:53 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-1@Lehigh.EDU>, <fpqrp-1@mpna.com>
Subject: [124904] OT: ExpressPCB User Group
Message-ID: <00be01c1e5e8\$83b4eb90\$0400000a@hunkar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is there a user group for www.expresspcb.com?
If not, how about starting one? I can use all
the help I can get from experienced users.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Tue, 16 Apr 2002 16:27:49 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <kb9zuv@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124905] Re: multiband dipole question
Message-ID: <1020316162659.QAA20161@gate.iterated.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 3/10/02 11:11 AM, Gary Lee at kb9zuv@arrl.net wrote:

>Want to put up a multiband dipole. Have seen one made of 5-conductor roter
>wire. However, can't find this anywhere. Can use separate wires, but
>don't know what to use for spacers.

Don't bother using separate wires.

Just put up a doublet of the maximum length you were going to put up the
multi-band dipole. Feed it with open wire and a quality transmatch.
You'll have multi-band capability similar to what a multi-band dipole
would give you.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 16 Apr 2002 15:42:43 -0500
From: "Ham" <KD5NWA@mbayona.com>
To: <aa4lr@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124906] Re: multiband dipole question
Message-ID: <00a101c1e587\$4565ce10\$373d010a@a000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not similar, the radiation patterns are different, the multi-band will have
a dipole figure 8 pattern, the single wire can have multiple nulls at the
higher bands. Either is fine as long as you know what your getting.

Cecil
KD5NWA

----- Original Message -----
From: "Bill Coleman" <aa4lr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 3:27 PM
Subject: Re: multiband dipole question

> On 3/10/02 11:11 AM, Gary Lee at kb9zuv@arrl.net wrote:
>
> >Want to put up a multiband dipole. Have seen one made of 5-conductor
roter
> >wire. However, can't find this anywhere. Can use separate wires, but
> >don't know what to use for spacers.
>
> Don't bother using separate wires.
>
> Just put up a doublet of the maximum length you were going to put up the
> multi-band dipole. Feed it with open wire and a quality transmatch.
> You'll have multi-band capability similar to what a multi-band dipole
> would give you.
>
>
>
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
> Quote: "Not within a thousand years will man ever fly!"
> -- Wilbur Wright, 1901
>

Date: Tue, 16 Apr 2002 16:46:39 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: "John Dorson" <jdorson@Worldshare.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [124907] Re: Tax
Message-ID: <011001c1e587\$ceabdd40\$c791fea9@wishfull3w6i2e>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would agree to that if:

- A) You paid tax if the item was also available in Canada!
- B) The cost was competitive and no paranoid tariffs!
- C) Tax be put on only new goods and not used such as in a trade of gear from US to Canada!

Elecraft does not have a Canadian distributor so 15% really hurts. Yes I could choose not to buy and that's exactly what many of us are doing here.

It has nothing to do with keeping business in Canada. It's just another money grab just like it is everywhere else.
Makes no sense!

----- Original Message -----

From: "John Dorson" <jdorson@Worldshare.net>
To: <kandrparker@sympatico.ca>; "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Sent: Tuesday, April 16, 2002 4:17 PM
Subject: Re: Tax

> It really does make sense. They simply want you to 'BUY CANADA'.

>

> I wish we would do that in the US.

>

> John K2JH...

> ----- Original Message -----

> From: "ZOOM" <kandrparker@sympatico.ca>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, April 16, 2002 3:46 PM
> Subject: Re: Tax

>

>

> > Here's one to fuel the fire. How about paying state tax for an item
> bought

> > out of your country?

> > In Canada, we pay all taxes on anything we purchase out of the country.
> For

> > Ontario it's 15% yet I can buy something from another province and not
have

> > to pay the provincial tax. Don't make too much sense.

> >

> > ----- Original Message -----

> > From: <duffy01@fuse.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Sent: Tuesday, April 16, 2002 3:15 PM
> > Subject: Re: Tax

> >

> >

> > > Yup, I live in Ohio too. Total BS. Unfortunately, I do not keep
track

> of

> > out of state purchases so gosh, I could not report anything. Don't
think

> I

> > made any out of state purchases anyway. Next thing they'll be asking is

> > that you just send them all your savings as you should not have any

> savings

> > anyway because they are trying to tax us to death.

> > >
> > > I remember a proposed tax form going around years and years ago. I
was
> > supposed to simplify the filing of taxes. It went something like this:
> > >
> > > A - How much did you make last year?_____
> > >
> > > B - How much do you have left?_____
> > >
> > > C - Send us the amount listed on line B_____
> > >
> > > Duffy - WB8NUT
> > > >
> > > > From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
> > > > Date: 2002/04/16 Tue PM 03:08:58 EDT
> > > > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > > > Subject: Tax
> > > >
> > > > I just helped my daughter this weekend do her
> > > > taxes. One of the questions on the form not sure
> > > > just where but I believe it was the state of Ohio.
> > > > I was a question about buying anything from the
> > > > internet or mail order. I can't remember the exact
> > > > wording. I don't remember seeing that before but
> > > > then I have been haveing my taxes done for several
> > > > years now. I did help my daughter do hers last year
> > > > but that was just looking over them, not really
> > > > reading the form. So it could have been on there
> > > > a few years now.
> > > >
> > > >
> > > > Marty Hartwell
> > > > AT&T Columbus Ohio
> > > > PH:614-501-2503
> > > >
> > > >
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> > >
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>
>

Date: Tue, 16 Apr 2002 17:13:54 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <jdorson@Worldshare.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124908] Tax
Message-ID: <001401c1e58b\$c14935e0\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Members:

What about a standard flat International Tax? per terms of NAFTA or
applicable agreement? W2WU

----- Original Message -----

From: John Dorson <jdorson@Worldshare.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: 16 April, 2002 16:17
Subject: Re: Tax

> It really does make sense. They simply want you to 'BUY CANADA'.
>

> I wish we would do that in the US.
>

> John K2JH...

> ----- Original Message -----

> From: "ZOOM" <kandrparker@sympatico.ca>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, April 16, 2002 3:46 PM
> Subject: Re: Tax
>
>

> > Here's one to fuel the fire. How about paying state tax for an item
> bought

> > out of your country?

> > In Canada, we pay all taxes on anything we purchase out of the country.
> For

> > Ontario it's 15% yet I can buy something from another province and not
have

> > to pay the provincial tax. Don't make too much sense.
> >

> > ----- Original Message -----

> > From: <duffy01@fuse.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Tuesday, April 16, 2002 3:15 PM
> > Subject: Re: Tax
> >

> > > Yup, I live in Ohio too. Total BS. Unfortunately, I do not keep
track

> of
> > out of state purchases so gosh, I could not report anything. Don't think
> I
> > made any out of state purchases anyway. Next thing they'll be asking is
> > that you just send them all your savings as you should not have any
> savings
> > anyway because they are trying to tax us to death.
> > >
> > > I remember a proposed tax form going around years and years ago. I was
> > supposed to simplify the filing of taxes. It went something like this:
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> > > A - How much did you make last year?_____
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> > > B - How much do you have left?_____
> > >
> > > C - Send us the amount listed on line B_____
> > >
> > > Duffy - WB8NUT
> > > >
> > > > From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
> > > > Date: 2002/04/16 Tue PM 03:08:58 EDT
> > > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > > > Subject: Tax
> > > >
> > > > I just helped my daughter this weekend do her
> > > > taxes. One of the questions on the form not sure
> > > > just where but I believe it was the state of Ohio.
> > > > I was a question about buying anything from the
> > > > internet or mail order. I can't remember the exact
> > > > wording. I don't remember seeing that before but
> > > > then I have been haveing my taxes done for several
> > > > years now. I did help my daughter do hers last year
> > > > but that was just looking over them, not really
> > > > reading the form. So it could have been on there
> > > > a few years now.
> > > >
> > > >
> > > > Marty Hartwell
> > > > AT&T Columbus Ohio
> > > > PH:614-501-2503
> > > >
> > > >
> > >
> > >
> >
>

>

Date: Tue, 16 Apr 2002 17:14:08 -0400
From: aluscre <aluscre@neo.rr.com>
To: Rod N0RC <rod@n0rc.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Elecraft-list <elecraft@mailman.qth.net>
Subject: [124909] Re: [Elecraft] Alas, it is time for contest logging software
Message-ID: <200204162113.g3GLDvW06849@clmboh1-smtp3.columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod

I have been using LOGic by PDA for over 7 or 8 years. It is currently at version 6 runs under Windows (95, 98, 200 or XP). It can do almost anything you would like as far as general log, award tracking, scoring contests (even setting up scoring for any new contests. It is not cheap, but I think it is a great value. You can download a free demo at their site <http://www.hosenose.com/logic6/demo.asp> . There also are links to FAQ and Tips and tricks on the software portion of my web site <http://www.qsl.net/k8zt/logging.html> . It is not a specialized "contesting software" such as TR, NA or CT but works fine for most of my contesting needs and allows me to use one program for all my logging needs. It also can track QSL cards, print labels and/or QSL cards, track almost any award from the common (WAS, DXCC, etc. to the esoteric Polish Providences, Helvetica, local club awards, etc.), It has rig control for almost any brand and model of computer controllable rig. It also can interface with CD-ROM callbooks, on-line callbooks, Packet cluster, Antenna Rotators and more.

Rod N0RC wrote:

> Folks,
>
> I'm in the process of transcribing my ARCI QSO party log and
> calculating my score. I don't want to have to do this ever again,
> painfully slow. So it's time to get some good software and learn how
> to use it. Here are my requirements/wants:
>
> HIGH WANTS
>
> 1) Rig control for Icom 746pro and Elecraft K2
>

> MUST HAVES
>
> 1) Easy of use, I only do a few contests a year. So I want something
> easy and very intuitive for a CASUAL user.
>
> 2) Windows 2000 based. It's what I have to use, it's what I want to
> use. Don't start a MS/UNIX bashing thread. With 20+ years in the
> computer industry I know all the arguments, and weary of all the
> griping/whining.
>
> 3) Automatic contest scoring for things like the ARCI contests, ARS
> Sprints, NJ QRP HB Sprints. When the contest is over I want to press a
> button and have my log, score sheet, summary....whatever; prepared,
> double checked and emailed in a matter of milliseconds.
>
> SOFTWARE UNDER CONSIDERATION SO FAR:
>
> YPLOG
>
> Can it do the scoring I want?
> Can it control a K2?
>
> WRITE LOG
>
> Ditto can it do the Scoring?
>
> N1MM Logger
>
> Again Scoring issues.
>
> MAY CONSIDER
>
> Palm based loggers. All I've found so far have some issues with
> awkward data entry/edit issues, and AFAIK none have scoring.
>
> WILL NOT CONSIDER
>
> 1) DOS based programs! DON'T EVEN THINK ABOUT IT! ;-) Anybody sending
> ideas for DOS based programs will have your email send to the Recycle
> Bin. (/dev/null for you UNIX geeks).
>
> Comments, suggestions, ideas....?
>
> 73, Rod N0RC
> Ft Collins, CO
>
>
> -----
> Elecraft mailing list: Elecraft@mailman.qth.net

> You must be a list member to post to the list.
> Postings must be plain text (no HTML or attachments).
> See: <http://mailman.qth.net/mailman/listinfo/elecraft>
> Elecraft Web Page: <http://www.elecraft.com>

--

|-----|
Anthony A. Luscre
K8ZT
Stow, Ohio
|-----|
Visit My Website at
<http://www.qsl.net/k8zt>
|-----|

Date: Tue, 16 Apr 2002 16:27:32 -0500
From: "Dale Mason" <dmason@softconnect.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124910] MSC Smart Keyer Sidetone?
Message-ID: <000401c1e58d\$853d96c0\$6901a8c0@SCDOM>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently acquired an MSC Smart Keyer (the original, not the Smart Keyer II or III). The "*3" command is labeled "SideTone" yet seems to have no affect at all. Does anyone know how to toggle the sidetone on and off?

Thanks,

Dale Mason, KD9LW

Date: Tue, 16 Apr 2002 17:27:50 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: "Ham" <KD5NWA@mbayona.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [124911] Re: multiband dipole question
Message-ID: <1020316172700.RAA25903@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 4/16/02 4:42 PM, Ham at KD5NWA@mbayona.com wrote:

>Not similar, the radiation patterns are different, the multi-band will have
>a dipole figure 8 pattern, the single wire can have multiple nulls at the
>higher bands. Either is fine as long as you know what your getting.

At a modest hieght, I seriously doubt anyone using a multi-band antenna
in this fashion would notice the pattern difference.

Any multi-band antenna like this will be a compromise. The doublet fed
with open wire is a simpler antenna, therefore a better compromise.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 16 Apr 2002 17:47:52 -0400
From: Dave Fouchey <dafouchey@comcast.net>
To: wd7y@pyramid.net,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [124912] Re: Heathkit Question
Message-ID: <4.1.20020416174659.009c8840@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Ed, The one I had used a plain vanilla 9 volt battery

Dave
WA4EMR
Sterling Heights, MI
At 09:04 AM 4/16/2002 -0700, wd7y@pyramid.net wrote:
>I have a heathkit 100 KC crystal calibrator.
>
>I would like to know what type of battery,
>what voltage battery to supply this equipment.
>
>Is there anybody with an answer?????????
>
>Thanks Ed WD7Y

Date: Tue, 16 Apr 2002 17:53:22 -0400
From: K9nk@aol.com
To: qrp-1@lehigh.edu
Subject: [124913] Phone Number for Embedded Research
Message-ID: <507D0563.571DA711.00002CC1@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hi - Does anyone know if Embedded Research in Rochester, NY has a phone number?? I order a keyer kit from them over 2 weeks ago and they have not answered any of my emails.

Tks - Norm - K9NK
k9nk@aol.com

Date: Tue, 16 Apr 2002 16:00:40 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: aa4lr@arrl.net, qrp-1@lehigh.edu
Subject: [124914] Re: Keying modes
Message-ID: <3CBC4AA8.383.2FC9F8@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hi, Bill, guys...

>>Do they even MAKE single-paddle keys any more?<<

Yes, but there aren't very many of them left. A pity, but you can't argue with the market.

There's the North American NA-10, the GHD-347WS (actually convertible from single to dual), and a G4ZPY one if you can get it.

There's even an oddball alternative which really isn't all that far fetched-- the (Russian) Electroinstrument Key-8 has a dual paddle and a built-in NON-iambic keyer.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

<http://www.ohr.com>

(303)752-3382

--

Date: Tue, 16 Apr 2002 18:28:29 -0400
From: "Dave" <wr3i@earthlink.net>
To: radioham@gmx.co.uk
Cc: qrp-1@lehigh.edu
Subject: [124915] RE: Home page
Message-ID: <3CBC6D4D.2420.212986@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Ray,

Off topic I know but Have you had the same experience as me when tuning the Coax Magnetic loop?
I was just adjusting it to move up 40 meters for ssb sked tonight and find that the MFJ antenna analyser is pretty much useless to tell me its at lowest SWR but if i tune for max noise and then check on a normal swr bridge as i transmit I can get it adjusted alright I have noticed this before that the MFJ doesn't work for loops????

Dave

WR3I

Date: Tue, 16 Apr 2002 18:47:22 -0400
From: "walter.b.thomas.1@pop300.gsfc.nasa.gov"
<wthomas@pop300.gsfc.nasa.gov>
To: qrp-1@Lehigh.EDU
Cc: radman@best.com, tdoooley@attbi.com, gsailsbury@mobill1.net,
jeff.chambers@mindspring.com, sigcom@juno.com, bdh@cyberbound.net,
Subject: [124916] Re: [124829] For Sale
Message-ID: <p05010402b8e2561e4964@[128.183.210.205]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Thanks for all the interest.

Both the NorCal Paddle and NC-20 kits are spoken for.

Mucho interest in the paddle kit. For those still wanting one, a commercial version is available from Vibroplex.

K3ASW

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Walt Thomas
NASA GSFC SSR0/Code 302
301-286-8896

Date: Tue, 16 Apr 2002 17:55:33 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>, <AQR@yahoogroups.com>, <k5gp@texas.net>,
<tentec@contesting.com>
Subject: [124917] cone Antenna PHOTO of how to wind them
Message-ID: <000601c1e599\$d0c0d560\$4e100a0a@rohredt2000>

Hi Folks,
Thanks to Steve Weber for his prototype photo of the folded conical helical antenna on the link below:

This is with the one monopole mounted, and ready for more to be wound. I really appreciate his doing this intermediate version, as the four monopole version gets the turns so close together, a picture does not show clearly what is going on. It is not too clear with the insulation on the wires and same color; but the wire toward the slant edge is the no. 10 here, and the wire toward the central axis in each turn, is the no. 12. At the bottom, the no. 10 goes to coax shield, the no. 12 to coax center lead.

A few notes about this pair of pictures. The Cone will not normally be used in this configuration, it MUST be over a radial plane or ground plane screen at least 6 feet square to work properly. The wide end of cone must be up and small end closer to ground.

The Monopoles must start with the short, (fold) at the wide end. This wide end is 16 inches diameter for either 10m model or a 20m model. The vertical axis where the coil supports join should be 13 inches high. The slant length of the supports over which you drill holes should be 12 inches long first turn to last.

The end of the monopole at the narrow part of cone must go to coax without a balun, and the coax connections must go straight off the narrow end of cone and through the ground screen before making a right angle turn as shown here.

Remember the wide end is parallel to ground, and ground plane. Notice the holes predrilled in between turns for the second monopole to be threaded.

In a similar manner, for optimum performance and match to 50 ohms, you should have one turn pair of the first monopole, then allow 3 pairs of holes for the other monopoles. Thus, when all are threaded, you have a pair terminated at the top of the cone wide part, and then wind the next pair starting 90 degrees from the first start, and so on, so each succeeding pair is below the pair above, pair 1, 2, 3, 4. Since they start 90 degrees apart around the wide part, they should end 90 degrees apart around the narrow end, but you are going to solder all the no. 12's to coax center lead, and solder all no. 10's to coax shield and ground screen, (or radials).

Now that you have a picture, if you have any questions, please write:
<k5kvh@arrl.net>

<http://www.qsl.net/kd1jv/cone.HTM>

begin 666 cone.url

M6T1%1D%53%1=#0I"05-%55),/6AT=' Z+R]W=W<N<7-L+FYE="]K9#%J=B]C
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M<VPN;F5T+VMD,6IV+V-O;F4N2%1-#0I-;V1I9FEE9#U",#X.3%#.#DS135#
,3 Q-4(-"@``
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end

End of QRP-L Digest 2527

